PTO/SB/17 (10-03)
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FEE TO A NOMITTAL		Complete if Known						
FEE TRANSMITTAL	. [Application Number			er	10/784,785		
for FY 2004	ſ	Filing Date				February 24, 2004		
	ſ	First Named Inventor			ntor	Hasan Nejad		
Effective 10/01/2003, Patent fees are subject to annual revision.	[Examiner Name				Not Yet Assigned		
Applicant claims small entity status. See 37 CFR 1.27	ľ	Art Unit			:	2818		
TOTAL AMOUNT OF PAYMENT (\$) 0.00		Attorney Docket No.			o.	M4065.0509/P509 C		
METHOD OF PAYMENT (check all that apply)	T	FEE CALCULATION (continued)						
Check Credit Money Other None 3 ADDITIONAL FEES								
Card Order [
Deposit Account:	Large Entity Small I			Entity				
Deposit Account 04-1073	Fee	Fee	Fee	Fee	-	Fee Desc	rintion	
Number	Code	(\$)	Code	(\$)		ree Desc	cription	Fee Paid
Deposit Account Dickstein Shapiro Morin &	1051	130	2051	65	Surcharge -	- late filing fe	ee or oath	
Name Oshinsky LLP	1052	50	2052	25		- late provisi	onal filing fee or cover	
The Director is authorized to: (check all that apply)	4055	400	40	400	sheet.	,-		
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	•	on-English specification		
Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812	2,520	-	a request for ex parte reexamination		
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Examiner ad	ing publication of SIR prior to		
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting	ting publication of SIR after		
FEE CALCULATION					Examiner ac Extension for		n first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension fo	r reply within	n second month	
Large Entity Small Entity	1253	950	2253	475	Extension for	r reply within	n third month	
Fee Fee Fee Fee Fee Description Fee Paid	1254	1,480	2254	740	Extension fo	or reply within	n fourth month	
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension fo	r reply within	n fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Ap	peal		
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief	in support o	of an appeal	
1004 770 2004 385 Reissue filing fee	1403 1451	290	2403	145	Request for	•		
1005 160 2005 80 Provisional filing fee SUBTOTAL (1) (\$) 0.00		1,510 110	1451 2452	1,510 55		to institute a public use proceeding to revive – unavoidable		
		1,330	2452	665		to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1501	1,330	2501	665	Utility issue			
Extra Fee from	1502	480	2502	240	Design issue	•	,	
Total Claims 17 -40** = x = 0.00	1503	640	2503	320	Plant issue 1			
Independent 3 -6** = X = 0.00	1460	130	1460	130	Petitions to		sioner	
Claims Side Side Side Side Side Side Side Side	1807	50	1807	50	Processing	fee under 37	CFR 1.17(q)	
	1806	180	1806	180	-		on Disclosure Stmt	
Large Entity Small Entity	8021	40	8021	40	Recording e	ach patent a	ssignment per	
Code (\$) Code (\$)					property (tim	rty (times number of properties)		
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385		a submission after final rejection FR 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385		ach additional invention to be sined (37CFR 1.129(b))		
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385		quest for Continued Examination (RCE)		
over original patent	1802	900	1802	900		Request for expedited examination		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	Other f	of a design application Other fee (specify)						
SUBTOTAL (2) (\$) 0.00	j	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00						
**or number previously paid, if greater; For Reissues, see above								0.00
SUBMITTED BY (Complete (if applicable))								
Name (Print/Type) Thomas J. D'Amico Registration No. (Attorney/Agent) 28,371 Telephone (202) 828-2232								
, money regard								
Signature Date April 28, 2004								





Docket No.: M4065.0509/P509 C

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Hasan Nejad et al.

Application No.: 10/784,785

Art Unit: 2818

Filed: February 24, 2004

Examiner: Not Yet Assigned

For: STACKED COLUMNAR IT-NMJT MRAM STRUCTURE AND ITS METHOD OF FORMATION AND OPERATION

SECOND PRELIMINARY AMENDMENT

MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

Prior to examination on the merits, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.